

ATTENDEES

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PRESENTATION

*SNS Ring Power Supply Control System Operator Interface*  
- T. Nepsee

A revised version of the Operator Interface was presented. It contains several changes and additions that address issues raised during earlier review:

- A scheme using dynamically changing button color to indicate both power supply state and pending state changes was introduced. When a button is pressed to change a power supply's state, it temporarily changes to RED until the PSC responds that the change has been completed. If there is no response, the RED button will serve to indicate that there is something wrong.
- The Faults display on the Power Supply Details screen was expanded to include all faults that are reported by the indicator on the Top Level Screen. Active faults are indicated by yellow text against a red background to improve visibility.
- Burst Rate and Burst Length controls were moved from the Power Supply Details screen to the Readback Buffer screen, where they are more relevant. A pull-down menu replaces the original Burst Rate text entry control in order to eliminate data validation problems. This is appropriate since the design of the PSC specifies that only eleven specific burst rates will be implemented.

DISCUSSION

*Possible improvements to the Operator Interface were discussed.*

Joanne suggested that a duplicate of the power supply row from the Top Level screen could be added at the top of the Power Supply Details screen in order to better orient the operator. I think this is a good idea and will implement a trial version.